

Claims.

1. Pressure medium activated piston-cylinder device, comprising a cylinder barrel (10) with a cylinder bore (11), a piston (14) movably guided in the cylinder bore (11), and a piston position indicating device including a magnetic activating element (17) mounted on the piston (14) and an elongate magnetostrictive transducer (18) mounted on the cylinder barrel (10),
c h a r a c t e r i z e d in that the cylinder barrel (10) has an outer elongate groove (20) extending in parallel with the cylinder bore (11), and a circuit board (19) carrying electronic components connected to said transducer (18), wherein said transducer (18) and said circuit board (19) are located in said groove (20).
2. Actuator according to claim 1, wherein said cylinder barrel (10) consists of an extruded aluminium alloy with said groove (20) formed at the extrusion process.
3. Actuator according to claim 1 or 2, wherein said groove (20) is closed relative to the ambient environment by a protective cover strip (21).
4. Actuator according to anyone of claims 1-3, wherein one or more LED elements (26a-d) are mounted on the cylinder barrel (10) and connected to said circuit board (19) for providing visual indications of certain piston positions being reached.
5. Actuator according to anyone of claims 1-4, wherein said electronic components on said circuit board (19) are arranged for remote teach-in of desired piston positions.